

A CATALOGUE OF THE BIRDS IN THE COLLECTION
OF THE BOMBAY NATURAL HISTORY SOCIETY—24

PYCNONOTIDAE

HUMAYUN ABDULALI

[Continued from Vol. 78 (2): 286]

This part covers 640 specimens of 58 species and subspecies up to No. 1151 in INDIAN HANDBOOK.

1111 *Spizixos canifrons canifrons* Blyth
(Khasia Hills) Finchbilled Bulbul 1:400

6: 1 ♂ 2 ♀♀ 3 o? (1 *fledgling)

1 Dumpep, 1 *Shillong, Assam; 1 *Pan Thabet watershed* 6500'; 1 *Katuring, Mogok Road*, 1 *Mt. Victoria*, 7000' *Pakokku Hill Tracts*; 1 *Pimpri Ban*, N. Shan States, Burma.

The single adult female from Shillong has the underparts slightly paler than in the others. The fledgling from the same area is like the adult but paler all over, with the black on the head replaced by an olive-green which is darker than on the back. The throat and upper breast are light brownish white, and the lower parts yellowish. If Bangs and Phillips's *ingrami* is to be accepted the bird from N. Shan State may be of this race.

Measurements on p 146.

1112 *Pycnonotus atriceps atriceps* (Temminck) (Java) Blackheaded Bulbul 1:423

4: 2 ♂♂ 2 ♀♀

2 Rewa Tea Estate, S. Sylhet, Assam; 1 *Changtha, W. of Arakan Yomas*; 1 *Htugy, Henzada dist; Burma*.

The tails are shorter than indicated in *Ind. Handbook* (6:70) ex. Stuart Baker's *Fauna*.

Measurements on p. 146.

1113 *Pycnonotus atriceps fuscoflavescens* (Hume) (Port Mouat and Mt. Harriet, Andaman)

mans) Andaman Blackheaded Bulbul 1:425

9: 6 ♂♂ 3 ♀♀

2 Bakultala, Middle Andamans; 1 Port Blair, 3 Wrightmyo, 1 Mannarghat, 1 Bambooflats, 1 Chirria Tapoo, South Andamans.

Of the six males, four have dark, almost black caps, and are marked as with enlarged gonads. The other two males and the females have a varying amount of duskiness on the crown, but none as dark as in the breeding males. This dark cap appears to be a sexual difference which has yet been overlooked. *Indian Handbook* (6:70) quotes the *Fauna* to the effect that the measurements are as in nominate *atriceps*, but the wings appear to be distinctly smaller and the bills larger.

Measurements on p. 146.

1114 *Pycnonotus priocephalus* (Jerdon)
(Peria Pass, Malabar) Greyheaded Bulbul 1:425

11: 8 ♂♂ 2 ♀♀ 1 o?

1 Molem, 2 Canacona, Goa; 1 Karwar, 1 N. Kanara; 1 Antarsante, 1 Kallar (?) 1 Sakleshpur, Hassan, Mysore; 2 Palni Hills; 1 Balamore Estate, Ashambu Hills, Travancore.

♂ No. 2092 from Sakleshpur, Hassan dist., Mysore, lacks the grey on the head. The olive-green on the upperparts in different specimens shows some variation.

Measurements on p. 146.

1115 *Pycnonotus melanicterus flaviventris* (Tickell) (Dampara in Dholbhum) Blackcrested Yellow Bulbul 1:397

44: 24 ♂♂ 16 ♀♀ 4 o?

1 Bori, Hoshangabad; 2 Kameli, Bailadila, 1 Antagarh, 2 Darba, M.P.; 2 Kutri, Daspalla, 3 Koira (Bonai), 2 Badrama (Bamra), Orissa; 2 Anantgiri, 1 Upper Sileru, Vizagapatnam; 3 Dehra Dun; 1 Ranibagh, Kumaon, 2 Pilibhit Terai, U.P.; 1 Rangpo, Sikkim; 1 Ganglipokte, Bhutan; 1 Longview, Darjeeling, Bengal; 2 Goalpara, 2 Margherita, 1 Yagte; 1 Tezu, Lohit Valley, 1 Namchik, A.P.; 1 Gorakhpur, S. Slyhet; 2 N. Cachar; 1 Kohima, Naga Hills, Assam; 1 *Sailong, Chindwin*; 1 *s.e. of Maymyo*; 1 *Thayetmyo*, 1 *Kganklabajiu, Mogok Road*; 1 *Sagaw, Chaung, Sandoway*; 1 *Htugyi*, 1 *Kywizin, Henzada*; 1 *Bassein, N. Yomas, Burma*.

Measurements on p. 146.

1116 *Pycnonotus melanicterus gularis*
(Gould) (Travancore) Rubythroated Yellow
Bulbul 1:415

13: 4 ♂♂ 7 ♀♀ 2 o?

2 Molem, Goa; 1 Santgal, 1 Karwar, 1 N. Kanara; 1 Agumbe, Shimoga dist; 1 Sagar, Mysore; 1 Katamalai, Charambadi, 2 Gudallur, Nilgiris; 1 Bamboo forest; Wynaad; 1 Merchiston Ponmudi, 1 Rajaipara, Panthalam Hills, Travancore.

Measurements on p. 146.

1117 *Pycnonotus melanicterus melanicterus*
(Gmelin) (Ceylon) Blackcapped Yellow Bulbul
1:414

1 ♀ Kudava, Sinharaja, Ratnapura, Ceylon.

Measurements on p. 146.

1118 *Pycnonotus jocosus pyrrhotis* (Bonaparte) (Nepal) Kumaon Redwhiskered Bulbul
1 ♀ Pilibhit — Terai.

Measurements on p. 146.

1119 *Pycnonotus jocosus abuenis* (Whistler)
(Mount Abu) Rajasthan Redwhiskered Bulbul
nil.

1120 *Pycnonotus jocosus fuscicaudatus*
(Gould) (Nilgiri Hills) Southern Redwhiskered
Bulbul

33: 23 ♂♂ 8 ♀♀ 2 o?

1 Kanheri, 1 Goregaon, 2 Trombay, 1 Andheri, Bombay; 1 Matheran; 1 Khandala; 1 Savantwadi; 1 Molem, Goa; 1 Castle Rock, N. Kanara; 1 Anandapuram, 1 Ulavi, 2 Murgimatta, Sagar, Mysore; 4 Bangalore; 1 Runnymede, 2 Longwood Shola, Kotagiri, Nilgiris, 1 Kodaikanal; 2 Billaj, Billigirirangan, Coimbatore; 1 Shembaganur; 2 Begur, Manantaddy, 1 Balamore, Ashambu Hills, Kerala; 3 Shevaroy Hills; 2* Kurumbapatti, Salem. *(missing).

There is some variation in the depth of colour of the upperparts. The birds from around Bombay have been accepted as *fuscicaudatus* one of the characters of which is an unbroken band across the breast. Specimens from Kanheri and Matheran, have broken bands and field observations subsequent to commencement of this study, and confirmed by others indicate that they do have a broken band around Bombay. No specimens of *abuensis* are available but this form in addition to having a broken band, is presumably much paler, and all birds from as far north as the neighbourhood of Bombay are only tentatively left under *fuscicaudatus*.

Measurements on p. 147.

1121 *Pycnonotus jocosus emeria* (Linnaeus)
(Benghala) Bengal Redwhiskered Bulbul
1:394 (part)

12: 6 ♂♂ 6 ♀♀

4 Anantgiri, Vizagapatnam; 3 Bailadila, 1 Kotamsar, Bastar, M.P.; 1 Keonjgarh, 1 Gonia, Daspalla, 1 Koira, Orissa; 1 Sanchi, 1000', West Bhutan.

♂ 1973 from Anantgiri, has no white tip to the tail, though this is present in the others and is probably a juvenile (Hume, S. F. xi p. 181). The bird from West Bhutan was obtained at an elevation of only 1000' and not being as dark as the others under *monticola* is left with this form.

Measurements on p. 147.

1121a. *Pycnonotus jocosus monticola* (McClelland) (Kassia Mountains, Assam) Assam Redwhiskered Bulbul 1:394 (part)

16: 9 ♂♂ (1* juv.) 2 ♀♀ 5 o?

1 Sevoke, Teesta Valley, Sikkim; 1* Dibrugarh, 2 Sadiya, 2 Dibang Valley, Mishmi Hills, Assam; 3 Rupachena, Cachar; 2 *Sailong, Chindwin, 2 Kabaing, Mogok Road, 2 Tawman, 1 Mankim, Upper Burma.*

Of the 3 birds from Rupachena, Cachar, two have complete collars with one of them having no white tips to the tail, while the third agrees with others in the present group. Measurements on p. 147.

1122 *Pycnonotus jocosus whistleri* Deignan (Cinque I., Andaman Is.) Andaman Redwhiskered Bulbul

13: 7 ♂♂ 6 ♀♀

2 Wrightmyo, 2 Mannarghat, Andamans; 4 Camorta, 2 Trinkut, 3 Nancowry, Central Nicobars.

In some specimens from the Nicobars, (where it is said to have been introduced from the Andamans) the bills are noticeably heavier than in *emeria*.

Measurements on p. 147.

1123 *Pycnonotus leucogenys leucotis* (Gould) (Karachi, Sind) White-eared Bulbul 1:390

31: 12 ♂♂ 17 ♀♀ 2 o?

These birds can be separated into two groups, one pale and the other dark on the upperparts. The material however is insufficient to warrant the description of a new race, and I am only drawing attention to this fact, listing and measuring them separately.

(a) *pale birds* 15: 4 ♂♂ 10 ♀♀ 1 o?

1 *Charbar, Persian Gulf*; 1 4000' Bhani (Greshog), 132 m. s.s.w. of Kalat, Baluchistan; 1 Garo Sind; 3 Hamavas Lake, Pali, Jodhpur; 1 Rudra Mata, 2* Kuar Bet, Kutch; 1 Kharaghoda, 2 Dabka, Baroda; 3 Cawnpore (cage birds).

* This is an exceptionally pale juvenile with bars on the tail and an example of hetero-

chrosis. Some remarks on the specimens have been published (Salim Ali, *JBNHS* 57(3) p. 658). Excluding the 3 cage birds from Cawnpore (which are very old and faded), all have been obtained in a contiguous area separate from that of the dark birds. If the two groups are separable, these will remain *leucotis*.

(b) *dark birds* 16: 8 ♂♂ 7 ♀♀ 1 o?

3 Lahore, 2 Multan, Punjab; 1 Bhung, Bahawalpur; 5 Bharatpur; 2 Delhi; 2 Goregaon, Bombay; 1 Dharamtar Creek, Kolaba.

The birds from the Bombay area are presumably relatively recent arrivals (first noted 1932 *et seq*) and may represent escapes which have managed to settle and are extending their range. When recording the first bird (*JBNHS* 37 p. 221) I drew attention to a small patch of orange-coloured feathers at the base of the bill (which character was noted in subsequent specimens too). This is published with another letter (loc. cit.) thanking the Society for drawing attention to the fact that birds from Persia and Mesopotamia showed the same trait which is not now visible in any specimen.

In addition to the darker upperparts, most of them have their underparts greyish, a character lacking in all the pale birds. The female from Multan (No. 16254) has the undertail coverts tinged orange.

Measurements on p. 147.

1124 *Pycnonotus leucogenys humii* (Oates) (Jalalpur near Jhelum, Punjab) Hume's White-eared Bulbul 1:391

9: 4 ♂♂ 2 ♀♀ 3 o?

1 Chitral, N.W.F.P.; 1 Rawalpindi, 1 Choa, Sardai State, Salt Range. 1 Jhelum, 5 Campbellpur, Punjab.

Three Campbellpur specimens from the A.E. Jones Collection are marked "Series shows much variation" and include two which I have listed under nominate *leucogenys*.

Most observers in the north-west have referred to both *leucotis* and *leucogenys* as

migratory and there really appears to be no reason why *humii* and *leucogenys* should not occupy the same area, one or the other (probably the latter) as a non-breeding migrant. Excluding the two specimens referred to above, there appears to be a fair amount of uniformity among those listed as *humii*, which is undoubtedly an intermediate, though distinct form. As there are at least two Jalalpurs in the Punjab, it would be better to describe the type locality in greater detail as was done by Oates.

The vent is sulphur yellow as in nominate *leucogenys* and not a paler yellow as in *leucotis*.

Measurements on p. 147.

1125 *Pycnonotus leucogenys leucogenys* (Gray) (Kashmir) White-cheeked Bulbul 1:389

32: 15 ♂♂ (1 juv.) 15 ♀♀ (1 juv.) 2 ♂?

2 Campbellpur, Punjab; 1 Kashmir Valley; 1 Keonthal, 1 Dharamsala, 11 Simla; 1 Mussoorie, 1 Tharati, Gharwal; 1 Sameti, 1 Almora, 1 Kongain Jamsar, 1 Kumaon; 1 Nagarkhot, 1 Kollapi 7000' Nepal; 2 Sikkim; 1 Chazam, below Tashigong, Rongtong, E. Bhutan; 3 Longview, Darjeeling, 1 Majakhot, Ranikhet; 1 Martam, Rong Valley, Assam.

All have the head and crest brown and not black as the chin, throat, and upper breast. The shade of brown varies in individuals from the same place, some of the feathers of the crest having pale, almost white fringes. All have the head darker than the back except ♂ 22423 from Chazam, Rongtong, E. Bhutan, in which it is the same colour as the back, and the chin and throat are also not jet black. It does appear different but there is no evidence of additional specimens having been procured in this area and Salim Ali in BIRDS OF THE EASTERN HIMALAYAS (1977) p. 120 refers to Bhutan birds as of this race.

Measurements on p. 147.

Hybrid *pycnonotus cafer* x *leucogenys*

2: 1 ♂ 1 ♀

Rawalpindi 14 Jan. 1927 and 6 January 1930.

The white on the cheeks is replaced by grey, the breast is as in *cafer* and the rump slightly paler than the back. The under tail coverts are yellow in the female and mixed red and yellow in the male. This hybrid, presumably with varying colours, is sufficiently common to have acquired a local name *Neemchi* (half-breed) (IH 6 p. 86). It is curious that this should be in the same area where *leucotis* and *leucogenys* have met and established a recognisable subspecies *humii*. The hybrid form from Bannu, N. W. F. P. was named *magrathi* by Whitehead (1908, Bull. B.O.C. 21 p. 48). This matter is discussed at length by Sibbs & Short (1959) Ibis 101 pp. 177-182.

Measurements on p. 147.

EL *Pycnonotus leucogenys lapersonnei* mss.

4: 2 ♂♂ 2 ♀♀

Nasratav, Seistan Delta (31° N, 61° 10'E)

All four obtained by Lapersonne in October 1926 have their labels marked *Molpastes leucogenys lapersonnei* in the hand-writing* of the late Col. Meinertzhagen but I cannot trace any published description, and this would appear to be only a manuscript name. They are closer to the pale form of *leucotis* (1123a above) both in size and colour than to *mesopotamiae*, and may be the form described as *farahensis* by Koelz from Kandahar. Or the difference from *leucotis* may be just due to Lapersonne's exceptionally good skinning!

Measurements on p. 147.

* identified by Dr. Salim Ali.

EL *Pycnonotus leucogenys mesopotamiae* Ticehurst (Basra, Lower Mesopotamia).

12: 6 ♂♂ 6 ♀♀

4 Nahr Umar, Right Bank, Tigris, 1 Hilla, 1 Euph-

rates, 1 *Qarradh*, 1 *Baghdad*, 1 *Basra*, *Mesopotamia*;
2 *Shiraz*, 1 *Shustar*, *South Persia*.

This bird is distinctly larger than the other races, though no trace of the yellow rim round the eye is now visible. The three from Persia have their bills shorter than the average.

Measurements on p. 147.

Pycnonotus cafer

This species has been divided into several races in India and further eastwards but though a fair number of specimens is available, there is much variation and it is not possible to be very sure about the identity of several specimens leaving no option but to separate many on geographical grounds.

There is no definite evidence of the species undertaking any appreciable migration.

1126 *Pycnonotus cafer intermedius* Blyth
(Upper Provinces = Murree) Redvented Bulbul 1 : 389

13: 5 ♂♂ 5 ♀♀ 3 o?

1 Kohat, N.W.F.P.; 1 Campbellpur, 1 Taxila, 1 Rawalpindi; 1 Kolka, 1 Mubarakpur, nr. Ambala, Punjab; 1 Bula, 1 Keonthal, 4 Simla, 1 Naini Tal, U.P.

In addition to the brown ear coverts and the black of the head grading into the brown back, they can be distinguished from *humayuni* by their longer and more distinct crest feathers.

Measurements on p. 148.

1127 *Pycnonotus cafer humayuni* Deignan
(Deesa) Gujerat Redvented Bulbul 1 : 385

16: 8 ♂♂ 8 ♀♀

1 Multan, 2 Lahore, W. Punjab; 2 Ambala; 2 Delhi; 2 Bulundshar, U.P.; 1 Hamavas Lake, Pali, Jodhpur; 1 Tapheshwar, Kutch; 1 Vaghjipur, Mehsana, 1 Dohad, Panch Mahals, 1 Dabka, Baroda, 1 Gir, Amreli, 1 Laochali, Surat Dangs.

♀ 1873 from Hamavas Lake, Pali district, Jodhpur is very pale followed by ♂ 2744 from

Vaghjipur, Mehsana. The others show differences and some can barely be separated from individuals of the adjoining races. The two from Bulandshar have been included here but they were collected in 1903 and the paleness is possibly due to fading.

Both birds from Lahore have a sooty wash on the underparts, a character shared with a brown-eared female (*intermedius*) from Rawalpindi.

Measurements on p. 148.

1128 *Pycnonotus cafer cafer* (Linnaeus)
(Pondicherry) Redvented Bulbul 1 : 385

28: 17 ♂♂ 11 ♀♀

2 Bharatpur, Rajputana; 1 Sarawaya, Gwalior; 1 Jalgaon, E. Khandesh; 1 Malegaon, Surat Dangs; 2 Jabalpur, M.P.; 1 Dahisar, 1 Thana, 2* Andheri, Bombay, 1 Khandala, 1 Poona; 1 Alibag, Kolaba; 1 Satara; 1 S. Konkan; 1 Gotagali, 1 Santgal, N. Kanara; 1 Thattakad, N. Travancore, 1 Travancore; 2 Malavalli, Sidhpur, Mysore; 1 4500' Shevaroy Hills, 1 Kurumbapatti, Salem, 1 Palkonda Hills, 2 Sheshachalam Hills, S. Cudappah; 1 coll. J.P. Cook = S. India(?)

(*1 missing)

The two from Bharatpur are distinctly darker than others under *humayuni*. ♀ 16216 from Jabalpure has the central pair of tail feathers completely white. One bird from Laochali, Surat Dangs has been placed in the last group, while another (♂ 16260) is as dark as any other *cafer*. ♂ 1877 from Satara is pale but dates back to 1897.

Measurements on p. 148.

1129 *Pycnonotus cafer haemorrhousus* (Gmelin) (Ceylon) Ceylon Redvented Bulbul 1 : 383
nil.

1130 *Pycnonotus cafer wetmorei* Deignan
(Anantagiri, Vizagapatnam) Orissa Redvented Bulbul.

12: 4 ♂♂ 8 ♀♀ (3* paratypes of *saturatus*)
 1 Sonawani, Balaghat; 1 Lohatta R. F., 2 Bhanu-
 prattapur, Kanker C.P.; 1* Jeypore Agency, 2
 Sankrametta, Vizagapatnam, 1 Mahendragiri, 1 Das-
 palla, 1 Kutri Das, 1 Karkot (Bamra), 1 Koira
 (Bonai), Orissa.

This subspecies was separated from nomi-
 nate *cafer* as darker and with less white on
 the abdomen. The two (♂ and ♀) from Sankra-
 metta have almost no markings or white on
 the underparts but that from Jeypore Agency
 which was included in the series described as
saturatus by Whistler and Kinneer is no diffe-
 rent from nominate *cafer* from south and west.
 ♀ 1883 from Sonawani, Balaghat is very dark
 below but marked *pallidus* (*humayuni*) by
 Salim Ali.

Measurements on p. 148.

1131 *Pycnonotus cafer bengalensis* Blyth
 (Bengal) Bengal Redvented Bulbul 1 : 387

25: 17 ♂♂ 8 ♀♀
 1 Ranibagh, 1 Guptakashi, Garhwal, 1 Majkhali,
 Ranibagh, 2 Pithorgarh, Almora, Kumaon; 1 Bon-
 zini, 1 Nawacot, Nepal; 1 Baghowni, 1 Tirhut, Bihar;
 1 Rinchingpong, 1 Rangpo, W. Sikkim, 1 Sevoke, 1
 Singtam, Teesta Valley, Sikkim; 1 Darjeeling; 1
 Samchi (West), 1 Shangong (Central), 1 Deothang,
 2 Gomchu (East), 1 Khosela, Bhutan; 1 Maniktola,
 Calcutta, 1 Rupchena, Cachar; 2 Dibrugarh, 1
 Sadiya, Assam.

The ear-coverts in birds from scattered places
 are light/dark brown.

Measurements on p. 148.

1132 *Pycnonotus cafer stanfordi* Deignan
 [Taro or Dalu (lat. 26° 20'N., long. 96° 10'E),
 Upper Chindwin District, Sagaing Div., Burma]
 Burmese Redvented Bulbul

6: 2 ♂♂ 1 ♀ 3 ♂?
 1 Kabaing — Mogok Road, Ruby Mines Dist., 3
 Upper Burma; 1 N. Shan States; 1 Maymyo.

These are paler than *bengalensis* both above
 and below, and have a shorter crest.

Measurements on p. 148.

EL *Pycnonotus cafer melanchimus* Deignan
 (Rangoon Town, Pegu, Burma)

1 ♂ *Prome, Burma.*

Differs from *stanfordi* in having the feathers
 of the upperparts more narrowly edged with
 ashy. It is not unlike nominate *cafer* from
 peninsular India, but differs in having a larger
 patch of black on the underbreast, and hair-
 brown and not black ear-coverts.

Measurements on p. 148.

EL *Pycnonotus aurigaster klossi* (Gylden-
 stolpe) (Doi Khun Tan, northern Siam lat.
 18° 30'N., long. 90° 20'E.)

1 ♂ *Ataran, Amherst, Burma.*

The cheeks are whitish, there is a small
 patch of brownish on the chin and the rest
 of the underparts are whitish with patches of
 light brown. The original label is marked *M.*
nigripilius. Wing 95, bill 17.5, tail 85.

1133 *Pycnonotus striatus striatus* (Blyth)
 (Darjeeling) Striated Green Bulbul 1 : 379

10: 4 ♂♂ 6 ♀♀ (1 topotype)
 1 Darjeeling, Bengal; 1 Rinchingpong, Sikkim; 2
 Shangong, 6500' (Central), 4 Narphong 5000'
 (East), 1 Batawe, Bhutan; 1 *Tiddim, Burma.*

See remarks under 1134.

Measurements on p. 148.

1134 *Pycnonotus striatus arctus* Ripley
 (Dreyi, Mishmi Hills) Mishmi Striated Green
 Bulbul 1 : 379

3 ♂♂ (2 topotypes)
 2 Dreyi, Lohit Valley, Mishmi Hills, N. E. Assam;
 1 Langham, Naga Hills.

The topotypes do not appear different from
 the nominate from further west and the two
 races have been arranged in accordance with
 the distribution in *Ind. Handbook* (6:94).

The two males from Tiddim, Burma, just
 south of Manipur, (No. 1864) and Langhana,
 Naga Hills (1866) should be of the nominate
 race and *arctus* respectively. They differ from

all the others by their smaller size, wings 103(2), bills 16.6, 15.2, tails 94, 92 (*contra* combined averages of males and females of both forms 110, 17.2 and 98) and yellower underparts.

Measurements on p. 148.

1135 *Pycnonotus xantholaemus* (Jerdon)
(Eastern Ghats west of Nellore) Yellowthroat-
ed Bulbul 1 : 415

4: 1 ♂ 3 o?

1 Jogimaradi, Chitaldroog, 2 Horseleykonda 13° 40'N, 78° 26'E (Mysore); 1 Sankaridrug, Salem, Madras.

The most recent (1940) specimen shows a slight grey tinge on the upper parts and more yellow on the head *contra* brownish in the others which go back to 1902 and 1908 (2).

Measurements on p. 149.

1136 *Pycnonotus penicillatus* Blyth (Ceylon)
Yellow-eared Bulbul 1 : 426

2 o? Ceylon.

Measurements on p. 149.

1137 *Pycnonotus flavescens flavescens* Blyth
(Arakan) Blyth's Bulbul 1 : 392

3: 1 ♂ 1 ♀ 1 o?

2 Laisang, N. Cachar; 1 *Minderi Yoma, Thayetmyo, Burma*; 1 no locality.

The male has the head distinctly darker than the back and appears to show streaks on the breast not visible in any others either of this or the next race.

Measurements on p. 149.

EL *Pycnonotus flavescens vividus* (Stuart
Baker) Salween District and Mulayit Taung,
Amherst, Tenasserim) Mulayit Bulbul 1 : 393

3 o? (1 juv.)

2 *N' Kraung, Upper Burma, 1 Loi Hansep, N. States, Burma.*

One specimen from *N' Kraung* shows yellow upto the throat, which is dirty grey. Both

adults have distinct dark caps and differ from the nominate specimens only in having yellow and not white lores.

Measurements on p. 149.

1138 *Pycnonotus luteolus luteolus* (Lesson)
(Bombay) Whitebrowed Bulbul 1 : 417

29: 15 ♂ ♂ (3 juv.) 12 ♀ ♀ 2 o?

1 Dabka, Baroda; 1 Goregaon, 1 Malad, 2 Bandra, 1 Raita, Kalyan, 1 Bombay; 1 Malwan, Ratnagiri; 1 Canacona, Goa; 1 Bolgutt, 1 N. Kanara; 1 Bangalore; 1 Aramboli, 1 Travancore; 1 Kurumbapatti, 1 Chitteri Range, Salem; 2 Mettupalayam, Madras; 1 Palkonda Hills, 1 Seshachalam Hills, 1 Nallamalai Hills; 2 Konta, Bastar, M.P.; 3 Barkul, Chilka Lake, 1 Tikarpura, Angul dist., 1 Champeshwar, Orissa; 1 ♂* no data.

There is some variation in the colour of the upperparts; some (juveniles?) showing more rufous than the others. The amount of duskiness on the upper breast also varies and appears more prominent in the birds from around Bombay, which also have heavier bills. In some specimens the head is slightly darker than the back.

*Sp. No. 2087 with no data found listed with the species, has an almost chestnut brown head much more prominent than in the others.

Indian Handbook (6, p. 99) refers to 3 or 4 filoplumes on the nape. This occurs in both sexes but is not visible in all the specimens.

Measurements on p. 149.

1139 *Pycnonotus luteolus insulae* Whistler
& Kinnear (Ceylon) Ceylon Whitebrowed
Bulbul nil.

EL *Pycnonotus xanthorrhous xanthorrhous*
Anderson [Kakhyen (Kachin) Hills, Burma]
Anderson's Yellowvented Bulbul 1 : 411

1 o? *North Shan States.*

Wings 89 (85-93), bill 16.3 (about 15), tail 84 (about 95).

EL *Pycnonotus finlaysoni finlaysoni* Strickland (Malacca) Stripethroated Bulbul 1 : 412

1 ♂ *Ataran, Amherst, Burma.*

The specimen from east of the Sittang River is old, faded and in poor condition and cannot be separated from *davisoni* below by the colour of the forehead. It is however appreciably smaller.

Measurements on p. 149.

EL *Pycnonotus finlaysoni davisoni* (Hume) (12 m. north of Rangoon) Stripethroated Bulbul 1 : 413

6: 3 ♂ ♂ 3 ♀ ♀

1 *Upper Burma*; 1 *Sandoway*; 2 *Bassein*; 2 *Rangoon, Burma.*

See remarks under *P. f. finlaysoni*.

Measurements on p. 149.

EL *Pycnonotus barbatus xanthopygos* (Hemprich & Ehrenberg) (Arabia) Yellow-vented Bulbul

2 ♂ ♂ Muscat, Arabia.

Wing 97, 98, bill 17.8, 18.6, tail 85.

EL *Pycnonotus blanfordi blanfordi* Jerdon (Pegu) Blanford's Olive Bulbul 1 : 420

5: 1 ♂ 3 ♀ ♀ 1 o?

1 *Shwebo, Upper Burma*, 1 *Shurdaung*, 1 *Prome*; 1 *Luzon*, 1 *Ingabin, Henzada, Burma.*

Measurements on p. 149.

EL *Hypsipetes thompsoni* (Bingham) (Loi San Pa = Taung Palaung) (lat. 21° 46'N, long. 96° 55' E, Southern Shan States) Bingham's Whiteheaded Bulbul 1 : 373

3 o?

1 *Taungyi, S. Shan States*; 1 3500' *Dawna Range, Amherst District*; 1 no data.

Measurements on p. 149.

1140 *Criniger flaveolus flaveolus* (Gould) (Nepal) Whitethroated Bulbul 1 : 363

37: 18 ♂ ♂ 13 ♀ ♀ 6 ♀ ♀

In the absence of sufficient material and literature it is not possible to untangle

a very confused position. Seven of the specimens from the Chindwin area are part of a series of 21 obtained by the Vernay-Hopwood Chindwin Expedition in 1935 and reported upon by Mayr (*Ibis* 1938 p. 291). He said that "in series they agreed with a series of typical *flaveolus* from N. Cachar, except that the crown, back and wings are more washed with olivaceous, and the underwing is more yellowish less buff". The single specimen from N. Cachar resembles the others from Indian limits and the olivaceous wash on the upperparts and a different yellow on the underparts does isolate the Chindwin birds—no difference is visible on the underwing. The labels are marked *ochraceus*, *burmanicus* and *gularis* by different workers indicating at least that they did not think they were the same as *flaveolus* from India.

Two birds from Gamon Chaung, Sandoway (♀ 1782) and Nyaunggyo, Prome (♀ 1783) have their underparts a paler yellow than in the others and the white of the throat descends a little lower down the breast. There is a little grey on the forehead more prominent than in the others, but *burmanicus* (Oates, Toungoo, n. of Pegu) should have the whole crown and crest grey, and this is not so. These are the only specimens which show a white supercilium which according to Stuart Baker (1:363) is always present! I am for the moment listing them all in separate groups under nominate *flaveolus*.

(a) *flaveolus* 28: 14 ♂ ♂ 9 ♀ ♀ 5 o?

2 Berrick, Sikkim; 3 Darjeeling, Bengal; 2 Tama 4000', 3 Deothang, 1 Mangdechum, E. Bhutan; 2 Cherrapunji, Khasi Hills, 1 S. Sylhet, 2 Roopachena, 1 N. Cachar Hills; 2 Margherita, 2 Sadiya, 1 Tezu, Lohit Valley; 1 Bipani, 1 Asipani, Dibang Valley, 1 Rotang, 1 Maya, 1 Abor country, Mishmi Hills, Assam; 1 n. of Maymyo, Burma.

There is appreciable variation in the extent of yellow in the bill, and ♀ No. 180 from

Maya has it all yellow. In addition to an almost complete brown band across the upper breast, this specimen also shows a yellow collar round the hind neck.

(b) 7: 3 ♂♂ 3 ♀♀ 1 o?

1 Punsin, 1 Yora, 2 Hai Bun, 2 Tawman, 1 Dalu, Chindwin River, Burma.

See remarks above.

(c) 2: 1 ♂ 1 ♀

1 Nyaunggyo, Prome District; 1 Gamon Chaung, Sandoway, Burma.

See remarks above.

Measurements on p. 150.

1141 *Hypsipetes viridescens cacharensis* (Deignan) (Chutla Bhil, Cachar District, Surma Valley & Hill Division, Assam) Olive Bulbul. 1 : 406

1 ♀ Rupachena, Cachar, Assam.

The single specimen is separated from the two nominate ones on the basis of the distribution in Deignan, 1948; Races of the Bulbul *Microscelis charlottae* (Finsch) and its Relatives (*Proc. Biol. Soc. Washington*, 1948, pp. 1-12).

Wing 84, bill 17.4, tail 70.

EL *Hypsipetes viridescens viridescens* (Blyth) (Arakan Division, Burma).

2 ♀♀

1 Mai Village, Sandoway Dist., 1 Kyibin, Henzada Dist., Burma.

Wing 79, 84; bill 17, 17.5; tail 70, 73.

The eye colour has not been recorded.

The subspecific identification is based on Deignan *loc. cit.* (1948).

EL *Hypsipetes charlottae propinquus* (Oustalot) (Laichau Province North-western Tongking)

2 o?

1 Yangte, 1 Pimpri Ban, N. Shan States.

These were listed with *H. viridescens* above. The skins appear larger than indicated by the measurements, while the undertail coverts are cinnamon and not yellow. The subspecific

identification is based on Deignan *loc. cit.*

Wing 85, 87; bill 16.2, 17; tail 78, 81.

1142 *Hypsipetes nicobariensis* Moore (Nicobars) Nicobar Bulbul 1 : 408

10: 7 ♂♂ 2 ♀♀ 1 o?

6 Camorta, 2 Trinkut, 1 Katchal, 1 Nancowry, Central Nicobars.

♂ No. 22669 from Nancowry has a greyish tinge on the upperparts rendering it paler than any of the others. The wing and bill are the smallest, and this is presumably a juvenile plumage.

Measurements on p. 150.

1143 *Hypsipetes indicus ictericus* (Strickland) (East Indies = Mahableshwar) N. Sahyadri Yellowbrowed Bulbul 1 : 405

9: 5 ♂♂ 3 ♀♀ 1 o?

2 Mahableshwar; 2 Ratnagiri; 2 Molem, Goa; 2 Castle Rock, Goa Frontier (on east).

In *Birds of Goa* (1976 *JBNHS* 73: 50) Grubh and Sálím Ali refer to 5 collected at Valpoi in Goa and identify them as of the nominate form. The four from Molem collected on the same trip are not referred to (being presumably the same birds) but if *ictericus* is recognised, they agree more closely with it. The fifth bird marked as from Valpoi is slightly deeper in colour and may be so accepted as *indicus*. The three accepted races are not very distinct.

Measurements on p. 150.

1144 *Hypsipetes indicus indicus* (Jerdon) (West Coast, restricted to Wynaad) Yellowbrowed Bulbul 1 : 405 (part)

24: 13 ♂♂ 8 ♀♀ 3 o?

1 Valpoi, Goa; 1 Bhowra? (1878 Dr. Anderson), 1 Santgal, 1 Kadra, 2 Karwar, 1 Kumta, 3 N. Kanara; 1 Mercara, Coorg; 1 Gudalur 3000', 3 Cherambadi, Nilgiri; 1 Ballaji, 1 Honnametti, Billigirirangans, 1 Foothills, 1 4000' Manalur, 1 Bombay Shola, 1 Cooly Ghat, 1 Palni Ghats; 1 Thettakad, 1 Thekady, Periyar Lake, Travancore.

Measurements on p. 150.

1145 *Hypsipetes indicus guglielmi* (Ripley)
(Rakwana, Sabargamuwa Province) Ceylon
Yellowbrowed Bulbul

2: 1 ♂ Hunu Wella Estate, Opanake, 1 ♀ Colombo Museum, no data.

The first bird is marked *guglielmi* by Ripley, and is perhaps a slightly deeper olive above and yellow below. This subspecies is restricted to south-western Ceylon, but the other specimen agrees with those more deeply coloured among *indicus* and may perhaps be accepted within the range of variation within the present form.

Measurements on p. 150.

1146 *Hypsipetes mccllelandi mccllelandi*
Horsfield (Assam) Rufousbellied Bulbul.

1 : 377

17: 8 ♂♂ 5 ♀♀ 4 o? (1 juv. *)

1 Mornaula, 7600', 2 Kumaon, U.P.; 1 Chalun Khel, Nepal; 1 Rinchingpong, W. Sikkim, 1 Tung 5650' Sikkim; 2 Gedu, W. Bhutan; 1 Betase, 2 Narphong, 1 Tama, E. Bhutan; 1 Kalaktang, Arunachal Pradesh, 1 Kohima, Naga Hills, 1 Abor country, Assam; 1 *N'Kraung*, 1 *Upper Burma*.

The birds from the western portion of its range upto and including Sikkim and Naga Hills are more golden green above than the others from Bhutan and northern Assam. They include the older skins from 1900 to 1953 while the others are from 1966-68, and the differences may be due to fading. The measurements are separately shown and it will be noticed that the eastern birds are larger. *This was identified at the Smithsonian by Mr. Bond, having been listed as *P. simplex*, along with a juvenile of *Pycnonotus flavescens*.

Measurements on p. 151.

EL *Hypsipetes mccllelandi tickelli*

3 o?

1 *Sima*, *Upper Burma*; 1 *Loi Sang*, 1 *Pimpri Bum*, *N. Shan States*, *Burma*.

All three have their backs greyish brown

rather than green, and less rufous on the underparts making them according to Stuart Baker's Fauna, *binghami* Hartert (Taung, Palaung lat. 21° 46' N, long. 96° 55' E, Southern Shan States) but which is synonymised with *tickelli* in Peters (IX p. 290) and whose distribution is said to be Eastern Burma from N. Shan States southwards, through the Southern Shan and Karenni States to Amherst Dist. of Tenasserim.

Measurements on p. 151.

1147 *Hypsipetes flavalus flavalus* (Blyth)
(Sub-Himalayan Ranges) Brown-eared Bulbul

1 : 374

36: 16 ♂♂ 16 ♀♀ 4 o?

4 Ranibagh, 1 Kumaon, U.P.; 1 Martam Rongin Valley, 1 Singtam, Teesta Valley, Sikkim; 2 Tama, 1 Deothang, 1 Mangdechu, E. Bhutan; 1 Margherita; 1 Tezu, 3 Dening, Lohit Valley, N.E. Assam, 1 Maya. Dibang, Mishmi; 2 Tirap Div., Arunachal Pradesh; 2 Cherrapunji, Khasi & Jaintia Dist., 2 Kohima, Naga Hills, 1 Rupachena, 1 Laiti Eynsew (?); 2 N. Cachar; 1 *Hai Bum*, 1 *Pun Sin*, 1 *Gora*, *Chindwin*; 1 *Tawman*, *Jade Mines*, *Upper Burma*, 1 *Yante*, 1 *Tangle*, *N. Shan States*; 2 *Nyamgyo*, *Prome*; 1 *Aka Hills*, *Burma*.

The intensity of the grey on the upperparts varies to some extent, but in series the males are darker and also show darker heads, the paler males being presumably birds of the year as is confirmed by their shorter bills.

Measurements on p. 151.

1148 *Hypsipetes madagascariensis psaroides*
Vigors (Himalayan Mts. = Simla) Himalayan
Black Bulbul

1 : 369

40: 27 ♂♂ (1 juv.) 11 ♀♀ 2 o?

3 Chitral, N.W.F.P.; 1 Srinagar, 1 Moghulmaidan, Kishtwar, Kashmir; 7 Simla, 1 Solon 5000' Bhagat State, 1 Koti State, 1 Patiala; 4 Garhwal, 2 Mar-nauli, 1 Konain Jaunsar, 1 Lambathatch, 1 Kumaon, U.P.; 1 Godaveri, 1 Nagarcot, 1 Chalnakhel, Nepal; 2 Temi, West Sikkim; 3 Darjeeling; 1 Honka, West Bhutan, 4 Gomchu, 1 Rontang, E. Bhutan, 1 Shangan, Bhutan, 1 Hasnia Tea Estate, Bhutan Duars.

Juvenile ♂ No. 16202 from Simla has the head sparsely feathered and the throat whitish. The colour of the bill and legs, where noted is said to be coral-red but is now yellow in all. All have white margins to the undertail coverts. There is variation in the shade of the grey both above and below.

Measurements on p. 151.

1149 *Hypsipetes madagascariensis ganeesa*
Sykes (Ghauts, Dukhun) South Indian Black
Bulbul 1 : 372

19: 14 ♂♂ (1 juv.) 5 ♀♀

2 Bhimashankar, Poona; 2 Castle Rock, N. Kanara;
1 Belimane, Sagar, Shimoga, Mysore; 2 Avalanche,
1 Wynaad, Nilgiris; 5 Shembaganur, 1 Palnis, Madura
Dist., 2 Honametti, Billigirirangans; 1 Muthu-
kuzi, Ashambo Hills; 2 Shevaroy Hills, Salem Dist.

This subspecies has no black stripe below the eye and the tail is less conspicuously forked than in the Himalayan race. In life the bill is bright orange which dries to yellow as in the last. The bill of the juvenile is now dark.

Measurements on p. 151.

1150 *Hypsipetes madagascariensis humii*
(Whistler & Kinnear) (Ceylon) Ceylon Black
Bulbul

2: 1 ♂ 1 ♀ near Kundava, Sinharaja, Ratnapura, Sri Lanka.

The two fresh skins are now much greyer than the others (*ganeesa*) and have the bills reddish *cf.* yellow.

Measurements on p. 151.

1151 *Hypsipetes madagascariensis nigrescens*
Stuart Baker (Upper Chindwin) Assam Black
Bulbul 1 : 371

8: 6 ♂♂ 1 ♀ 1 o?

1 Laising, N. Cachar, 1 Naga Hills, 1 Cherrapunji, Khasi & Jaintia Hills, 1 Assam; 1 *Nyaunggyo, Prome dist.*, 1 *Mindon Yoma*, 1 *Thayetmyo*; 1 *Tongme (Pomed)*, *Burma*.

These are brown rather than grey above. Some are marked *nigriscens* by an earlier worker. The black of the head is distinct from the upper back. Some have the feathers of the upper back centrally streaked with black.

Measurements on p. 151.

EL *Hypsipetes madagascariensis concolor*
Blyth (Tenasserim) Burmese Black Bulbul

1 : 372

1 o? Sp. No. 1831 *Thangaung, Burma*.

1111 *Spizixos canifrons canifrons*

| | Wing | Bill | Tail |
|--------|---------------------------|--------------------------------|-----------------|
| ♂ (1) | 95 | 15.5 | 84 |
| ♀ (2) | 92, 95 | 15.4, 15.5 | 85, — |
| ♂? (2) | 91, 97 (IH ♂ ♀ 90-102) | 15.2, 15.5 from skull 16-19 | 86, — 89-99) |

1112, 1113 *Pycnonotus atriceps atriceps* & *P. a. fuscoflavescens*

| | | | |
|-----------------------------------|--|--------------------|------------------|
| ♂ 1112 <i>atriceps</i> (2) | 86, 86 | 14, x | 70, 70 |
| ♀ 1112 <i>atriceps</i> (2) | 83, 85 (IH ♂ ♀ 80-86) | 13, 14.5 13-14 | 69, 69 c. 84) |
| ♂ 1113 <i>fuscoflavescens</i> (5) | 79-81 av. 79.6 | 15.1-15.5 av. 15.3 | 65-68 av. 66.4 |
| ♀ 1113 <i>fuscoflavescens</i> (3) | 77, 77, 78 (IH as in nominate <i>atriceps</i>) | 15.2, 15.5, 15.8 | 67, 68, 70 |

1114 *Pycnonotus priocephalus*

| | | | |
|-------|-----------------------------------|--|----------------------------|
| ♂ (8) | 76-79 av. 77 | 12.8-14.4 av. 13.4 | 70-75 av. 72 |
| ♀ (2) | (IH 75-79 74, 78 (IH 75-77) | from skull 14-17 12.6, 13.2 from skull 14-16 | 70-79) 69, 71 70-73) |

1115/7 *Pycnonotus melanicterus flaviventris*, *P. m. gularis* and *P. m. melanicterus*

| | | | |
|-----------------------------------|------------------------------|--|--------------------------|
| 1115 ♂ ♂ <i>flaviventris</i> (23) | 84-94 av. 89.8 (IH 85-95) | 13.7-15.5 av. 14.5 from skull 14-17 | 77-89 av. 82.9 82-90) |
| 1116 ♂ ♂ <i>gularis</i> (4) | 72-82 av. 77 (IH 74-79) | 14-15.2 av. 14.5 from skull 15-16 | 67-73 av. 71 68-74) |
| 1115 ♀ ♀ <i>flaviventris</i> (14) | 84-93 av. 87.7 (IH 83-89) | 13.2-15.3 av. 14.3 from skull 14-16 | 73-84 av. 80.2 79-86) |
| 1116 ♀ ♀ <i>gularis</i> (6) | 72-79 av. 74 (IH 73-79) | 13-14.3 av. 13.7 from skull 15-16 | 64-69 av. 66.8 67-69) |
| 1117 ♀ <i>melanicterus</i> (1) | 71 (IH 72-74) | 13.2 from skull 15-16 | 65 62-65) |

1118/22 *Pycnonotus jocosus* subsp.

| | Wing | Bill | Tail |
|--------------------------------|------------------------------|--|---------------------------|
| ♂ ♂ | | | |
| 1120 <i>fuscicaudatus</i> (21) | 80-91 av. 86.5 (IH 81-95) | 15.7-18.5 av. 17 from skull 17-20 | 75-85 av. 80 78-87) |
| 1121 <i>emeria</i> (6) | 83-88 av. 85 (IH 80-88) | 15-16 av. 15.5 from skull 17-19 | 75-83 av. 78.3 75-84) |
| 1121a <i>monticola</i> (8) | 83-96 av. 91 (IH 84-95) | 16-17.1 av. 16.5 — | 81-91 av. 85.5 —) |
| 1122 <i>whistleri</i> (7) | 80-85 av. 82.6 (IH 81-95) | 16.7-17.8 av. 17.4 from skull 17-20 | 74-81 av. 77.7 78-87) |
| ♀ ♀ | | | |
| 1118 <i>pyrrhotos</i> | 81 (IH 80-83) | 14.8 (from skull 19) | 70 (73-77) |
| 1120 <i>fuscicaudatus</i> (7) | 81-87 av. 83 (IH 80-85) | 15.2-16.5 av. 15.7 from skull 18-19 | 75-87 av. 78.8 77-81) |
| 1121 <i>emeria</i> (6) | 79-86 av. 81.6 (IH 78-84) | 15.2-17.3 av. 16 from skull 16-19 | 71-82 av. 76.1 72-79) |
| 1121a <i>monticola</i> (2) | 87, 92 (IH 80-91) | 16.3, 17.2 — | 83, 87 —) |
| 1122 <i>whistleri</i> (6) | 79-81 av. 79.5 (IH 80-85) | 16.2-17.9 av. 17.3 from skull 18-19 | 71-76 av. 74 77-81) |

1123 *et seq Pycnonotus leucogenys* subsp.

| | | | |
|--|--------------------------------|--|-----------------------------------|
| ♂ ♂ | | | |
| 1123 <i>pale leucotis</i> (4) | 77-87 av. 83 | 14.5-15.3 av. 14.8 | 70-77 av. 74.5 |
| 1123 <i>dark leucotis</i> (8) | 84-92 av. 85.3 (IH 81-91) | 13.1-15.5 av. 14.6 from skull 15-18 | 75-83 av. 77.8 66-84) 79-80 |
| 1124 <i>humii</i> (4) | 92-94 (IH 85-94) | 15-16 from skull 19-21 | 81-90) |
| 1125 <i>leucogenys</i> (14) | 87-100 av. 91.4 (IH 85-94) | 15.6-18.2 av. 16.5 from skull 19-21 | 77-95 av. 84.5 81-90) |
| <i>cafer</i> x <i>leucogenys</i> ♂ (1) | 101 | 17 | 95 |
| EL mss. <i>lapersonnei</i> (2) | 86, 86 | —, 14.8 | 76, 77 |
| EL <i>mesopotamiae</i> (6) | 91-94 av. 92.8 | 15-17.7 av. 16.8 | 84-89 av. 86.2 |
| ♀ ♀ | | | |
| 1123 <i>pale leucotis</i> (8) | 74-86 av. 81 | 13.1-16 av. 14.4 | 69-77 av. 72.3 |
| 1123 <i>dark leucotis</i> (7) | 80-88 av. 82.5 (IH 80-88) | 14-15.8 av. 14.8 from skull 14-16 | 68-81 av. 76.3 73-80) |
| 1124 <i>humii</i> (2) | 85, 88 (IH 82-86) | 15, 15.5 from skull 18-19 | 79, 80 80-86) |
| 1125 <i>leucogenys</i> (13) | 86-91.5 av. 88.4 (IH 82-86) | 14-16.6 av. 15.9 from skull 18-19 | 75-86 av. 81.7 80-86) |
| <i>cafer</i> x <i>leucogenys</i> ♀ (1) | 97 | 17 | 89 |
| EL mss. <i>lapersonnei</i> (2) | 85, 86 | 14.6, 16 | 78 |
| EL <i>mesopotamiae</i> (6) | 91-94 av. 92.8 | 15-17.7 av. 16.8 | 84-89 av. 86 |

1126/32 *Pycnonotus cafer* subspp.

| | Wing | Bill | Tail |
|--|--|--|----------------------------|
| ♂ ♂ | | | |
| 1126 <i>intermedius</i> (5) | 102-107 av. 103.8 (IH 100-110) | 18.2-18.4 av. 18.3 from skull 19-22 | 94-102 av. 96.8 93-103) |
| 1127 <i>humayuni</i> (8) | 91-99 av. 94.5 (IH 92-101) | 15.3-18.4 av. 16.5 from skull 19-21 | 73-86 av. 81.2 79-95) |
| 1128 <i>cafer</i> (16) | 92-101 av. 95.6 (IH 90-99) | 15.7-18.4 av. 16.8 from skull 19-21 | 78-91 av. 83 74-89) |
| 1129 <i>haemorrhousus</i> | (IH 93-94) | from skull 20-21 | 77-80) |
| 1130 <i>wetmorei</i> (4) | 90-97 av. 94.7 (IH 89-99) | 16.5-18.5 av. 17.2 from skull 18-19 | 77-84 av. 81.7 79-89) |
| 1131 <i>bengalensis</i> (17) | 98-108 av. 104 (IH 96-107) | 18.1-21.2 av. 19.2 from skull 21-23 | 91-100 av. 96.8 90-103) |
| 1132 <i>stanfordi</i> (5) (inclgd 3 ♂?) | 97-107 av. 103 (IH as in <i>bengalensis</i>) | 18.1-21 av. 20 | 87-98 av. 94.6 |
| EL <i>melanchimius</i> ♀ | 98 | 20.3 | 93 |
| 1126 <i>intermedius</i> (5) | 95-103 av. 98 (IH 90-102) | 17.1-19 av. 17.9 from skull 18-20 | 89-97 av. 92.5 84-96) |
| 1127 <i>humayuni</i> (8) | 89-95 av. 91.7 (IH 87-95) | 15.7-16.9 av. 16.2 from skull 17-19 | 79-86 av. 82.2 78-89) |
| 1128 <i>cafer</i> (11) | 87-96 av. 90.6 (IH 85-98) | 14.5-17.6 av. 16.4 from skull 19-21 | 73-85 av. 79 74-83) |
| 1129 <i>haemorrhousus</i> | (IH (2) 91) | from skull 20 | 74, 76] |
| 1130 <i>wetmorei</i> (8) | 88-96 av. 91.6 [IH (3) 84-93] | 15.2-17.5 av. 16.3 from skull 17-18 | 78-85 av. 80.5 75-83] |
| 1131 <i>bengalensis</i> (8) | 99-105 av. 100.7 (IH 89-102) | 17-20 av. 18.3 from skull 19-22 | 88-97 av. 92.5 85-95) |
| 1132 <i>stanfordi</i> (1) | 95 | 19 | 89 |

1133/4 *Pycnonotus striatus striatus/arctus*

| | | | |
|--------------------------|-----------------------------------|---|--------------------------|
| ♂ ♂ | | | |
| 1133 <i>striatus</i> (4) | 103*, 111(2), 113 (IH 102-114) | 16.6*-17.7 from skull 20-24 | 94*-98 98-106) |
| 1134 <i>arctus</i> (3) | 103*, 110, 113 (IH 105-118) | 15.2*-17.3, 17.7 18-21 | 92*, 97, 101 —) |
| ♀ | | | |
| 1133 <i>striatus</i> (6) | 108-114 av. 109.8 (IH 98-107) | 16.5*-18.5 av. 17.3 from skull 19-22 | 96-110 av. 98 97-103) |

* Specimen Nos. 1864 and 1866 referred to in text.

1135 *Pycnonotus xantholaemus*

| | | | |
|---------|-----------------------------|----------------------------------|-------------------------|
| ♂ ♀ (4) | Wing 87-91 (IH 87-92) | Bill 14-14.5 from skull 17 | Tail 84-87 85-86) |
|---------|-----------------------------|----------------------------------|-------------------------|

1136 *Pycnonotus penicillatus*

| | | | |
|--------|--------------------------|--------------------------------|------------------|
| o? (2) | 80, 82 (IH ♂ ♀ 76-87) | 15.3, 15.6 from skull 17-19 | 74, 78 72-81) |
|--------|--------------------------|--------------------------------|------------------|

1137 *Pycnonotus f. flavescens* and *P. f. vividus*

| | | | |
|------------------------------|---|-------------------------|----------------------|
| 1137 <i>flavescens</i> ♂ (1) | 89 | 14 | 97 |
| <i>flavescens</i> ♀ (1 juv.) | 87 | 13.6 | 87 |
| EL. <i>vividus</i> o? (2) | (♂ ♀ 81-87 mm. 89, 90 (♂ ♀ 80-89) | about 10 mm 14, 14.4 | about 100) 95, 97 |

1138 *Pycnonotus luteolus luteolus*

| | | | |
|----------|------------------------------|--|--------------------------|
| ♂ ♂ (11) | 87-92 av. 89.3 (IH 82-93) | 15.7-17.5 av. 16.5 from skull 18-20 | 75-85 av. 80.8 75-86) |
| ♀ ♀ (12) | 84-90 av. 86 (IH 86-90) | 15.3-17.8 av. 16.4 from skull 18-20 | 75-82 av. 78.5 74-82) |

EL. *Pycnonotus finlaysoni finlaysoni/davisoni*

| | | | |
|----------------------------------|--|---|---------------------------------------|
| nominate <i>finlaysoni</i> ♂ (1) | 77 | 16.2 | 77 |
| | (♂ ♂ 75-87 84, 88, 89 84, 86, 89 | about 15 15.7, 17.5, — 15.5, 16.7, 16.8 | about 85) 80, 83, 85 80, 80, 85 |

("a slightly bigger bird than Finlayson's Bulbul, the wing running from 76 to 90mm")

EL *Pycnonotus blanfordi blanfordi*

| | | | |
|-----|-------------------------|-----------------------------------|--------------|
| ♂ ♀ | 82-88 av. 84 (85-89) | 16.5-16.8 av. 16.6 about 15mm) | 75-84 av. 79 |
|-----|-------------------------|-----------------------------------|--------------|

EL *Hypsipetes thompsoni*

| | | | |
|---------|---|--|------------------------------|
| ♂ ♀ (3) | 90, 90, 82 (ex. Bingham ♀ 3.7, 3.8 inches | 17.5, 17.5, 18.2 from gape ♂ 0.85, ♀ 0.85 | 81, 85, 87 ♂ 3.8, ♀ 3.85) |
|---------|---|--|------------------------------|

1140 *et al.* **Crimiger flavocolus flavocolus**

| | Wing | Bill | Tail |
|----------------------------|---------------------------------|--|--|
| ♂ ♂ | | | |
| (a) <i>flavocolus</i> (14) | 100-109 av. 105 (IH 101-107) | 17.3-21.1 av. 19.3 from skull 20-25 | 83-94 av. 88.6 92-102) 84., 86, 87 85 |
| (b) Chindwin (3) | 100, 101, 104 | 18 (2), 20 | |
| (c) <i>burmanicus</i> (?) | 100 | 17 | |
| ♀ ♀ | | | |
| (a) <i>flavocolus</i> (9) | 99-108 av. 103.8 (IH 98-105) | 18.5-21.2 av. 19.2 from skull 20-23 | 83-91 av. 86 88-93) |
| (b) Chindwin (3) | 100, 101, 106 | 17, 19, 20 | 81, 87, 88 |
| (c) <i>burmanicus</i> (?) | 99 | 18.5 | 77 |

1142 **Hypsipetes nicobariensis**

| | | | |
|---------|----------------------------------|------------------------------------|------------------------|
| ♂ ♂ (7) | 101-105 av. 103.3 (IH 97-102) | 22-24 av. 22.4 from skull 23-25 | 85-91 av. 88 83-87) |
| ♀ ♀ (2) | 101 (2) (IH 92-100) | 20, 20.5 from skull 24 | 84, 85 80-84) |

1143-45 **Hypsipetes indicus** subsp.

| | | | |
|---------------------------|------------------------------|--|------------------------------|
| ♂ ♂ | | | |
| 1143 <i>ictericus</i> (5) | 89-95 av. 92 (IH 90-97) | 17.5-19.1 av. 18.5 from skull 18-21 | 75-82 av. 78.6 76-87) |
| 1144 <i>indicus</i> (12) | 92-98 av. 94.7 (IH 88-97) | 17.5-20 av. 19 from skull 19-21 | 77-88 av. 81 75-87) 88 |
| 1145 <i>guglielmi</i> | 91 (IH 87-91) | 17.4 18-19 | 74-79) |
| ♀ ♀ | | | |
| 1143 <i>ictericus</i> (3) | 81, 91, 95 (IH 88-91) | 17.8, 18.2 (2) from skull 18-20 | 76, 79, 81 75-83) |
| 1144 <i>indicus</i> (6) | 87-93 av. 90.3 (IH 89-91) | 16.8-18 av. 17.6 from skull 19-21 | 74-81 av. 77 77-83) 80 |
| 1145 <i>guglielmi</i> | 93 (IH 91) | 18.8 19 | 79) |

1146 *et al.* *Hypsipetes mccllelandi* subsp.

| | Wing | Bill | Tail |
|----------------------------|-----------------|------------------|---------------|
| ♂ ♂ | | | |
| 1146 nominate (a) (4) | 102-112 (106.5) | 20.5-22 (21.4) | 96-106 (99) |
| nominate (b) (4) | 101-115 (110.5) | 20.5-23.9 (22.4) | 96-108 (102) |
| | (IH 100-112) | from skull 24-29 | 98-113 |
| EL <i>itckelli</i> ♂ ♀ (3) | 104, 109 (2) | 21, 22.9, 23 | 100, 107, 106 |
| ♀ ♀ | | | |
| 1146 nominate (a) | 100, 102 | 20.5 (2) | 93, 100 |
| nominate (b) (3) | 103, 105 (2) | 22.6, 23.2, 24.5 | 95, 95, 105 |
| | (IH 100-109) | from skull 25-27 | 93-109 |

1147 *Hypsipetes flavalus flavalus*

| | | | |
|----------|------------------|--------------------|----------------|
| ♂ ♂ (15) | 94-105 av. 100.9 | 16-19 av. 17.4 | 82-93 av. 87.8 |
| | (IH 94-105) | from skull 20-22 | 85-95 |
| ♀ ♀ (16) | 90-105 av. 97.7 | 15.2-17.7 av. 16.6 | 80-90 av. 85.4 |
| | (IH 89-98) | from skull 20-22 | 81-90 |

The smallest measurements, particularly of the bill, are of juveniles or birds of the year.

1148 *et al.* *Hypsipetes madagascariensis* subsp.

| | Wing | Bill | Tarsus | Tail |
|----------------------------|-------------------|--------------------|--------------------|------------------|
| ♂ ♂ | | | | |
| 1148 <i>psaroides</i> (26) | 117-132 av. 125.6 | 22-26.4 av. 24.3 | 14.5-19.5 av. 16.8 | 94-118 av. 106.5 |
| | (IH 116-130) | from skull 26-29 | 20-22 | 102-116 |
| 1149 <i>ganeesa</i> (13) | 117-123 av. 120.5 | 23.5-26.5 av. 24.9 | 15-19 av. 17 | 96-103 av. 99.5 |
| | (IH 112-124) | from skull 26-29 | 16-18 | 98-105 |
| 1150 <i>humii</i> (1) | 124 (IH 118-128) | 26.7 | 20.5 (18-19) | 100 (98-104) |
| | | (from skull 27-32) | | |
| 1151 <i>nigrescens</i> (6) | 115-128 av. 123 | 23.5-26 av. 24.5 | 16-18.5 av. 17.5 | 92-110 av. 100.3 |
| | (IH as in 1148) | | | |
| ♀ ♀ | | | | |
| 1148 <i>psaroides</i> (11) | 117-129 av. 119.6 | 22.4-25.5 av. 23.6 | 15-19.5 av. 16.7 | 97-106 av. 101.5 |
| | (IH 111-124) | from skull 26-28 | 20-21 | 93-111 |
| 1149 <i>ganeesa</i> (5) | 110-117 av. 113.8 | 22.8-25 av. 23.8 | 15-18.5 av. 17.3 | 91-98 av. 94.4 |
| | (IH 107-123) | from skull 24-28 | 16-17 | 92-104 |
| 1150 <i>humii</i> (1) | 115 (IH 116, 117) | 25 (27, 28) | 18 (18) | 93 (94, 100) |
| 1151 <i>nigrescens</i> (1) | 114 | 25 | 17.2 | 92 |
| EL <i>concolor</i> ♂? | 123 | 16.7 | 14.6 | 95 |

(to be continued)